Doc Code: M865 or FAI.REQ.INTV

Applicant Initiated Interview Request Form

Application No.: 10/532,845   First Named Applicant: Jiuhuai Lu et al.

Examiner: Y. Young Lee   Art Unit: 2621   Status of Application: 1st OA after RCE

Tentative Participants:
(1) Y. Young Lee   (2) Rick H. Lin

(3) _____   (4) _____

Proposed Date of Interview: Examiner's earliest convenience   Proposed Time: TBD   (AM/PM)

Type of Interview Requested:
(1) [✓] Telephonic   (2) [ ] Personal   (3) [ ] Video Conference

Exhibit To Be Shown or Demonstrated: [ ] YES   [✓] NO
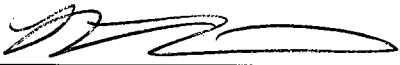If yes, provide brief description: _____

Issues To Be Discussed

Issues (Rej., Obj., etc)	Claims/ Fig. #s	Prior Art	Discussed	Agreed	Not Agreed
(1) Rej.	Claim 26	JP 63-199589/AAPA	[ ]	[ ]	[ ]
(2) New Claim	Claim 35		[ ]	[ ]	[ ]
(3)			[ ]	[ ]	[ ]
(4)			[ ]	[ ]	[ ]

[ ] Continuation Sheet Attached   [✓] Proposed Amendment or Arguments Attached

Brief Description of Arguments to be Presented: Please see attached.

An interview was conducted on the above-identified application on _____

NOTE: This form should be completed and filed by applicant in advance of the interview (see MPEP § 713.01). If this form is signed by a registered practitioner not of record, the Office will accept this as an indication that he or she is authorized to conduct an interview on behalf of the principal (37 CFR 1.32(a)(3)) pursuant to 37 CFR 1.34. This is not a power of attorney to any above named practitioner. See the Instruction Sheet for this form, which is incorporated by reference. By signing this form, applicant or practitioner is certifying that he or she has read the Instruction Sheet. After the interview is conducted, applicant is advised to file a statement of the substance of this interview (37 CFR 1.133(b)) as soon as possible. This application will not be delayed from issue because of applicant's failure to submit a written record of this interview.

Applicant/Applicant's Representative Signature   Examiner/SPE Signature

Rick H. Lin

Typed/Printed Name of Applicant or Representative

61,933

Registration Number, if applicable

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	Patent Examiner: Lee, Y. Young
Jiuhuai Lu et al.	Group Art Unit: 2621
Serial No.: 10/532,845	Confirmation No. 1959
Filed: April 27, 2005	
For: MOVING PICTURE CODING AND DECODING METHOD AND PROGRAM AND APPARATUS FOR SELECTIVELY DISPLAYING A FILTERED AND DECODED PICTURE	February 7, 2011 Costa Mesa, California 92626

INTERVIEW AGENDA

Attendees: Rick Lin (Reg. No. 61,933), Examiner Lee

Interview: Phone

Date/Time: TBD (Representative for Applicant would appreciate a phone call from Examiner Lee at 714.427.7509 to determine a convenient date/time for this interview).

1.   Applicant has filed a response herewith with amended claims. Representatives for the applicant would like to discuss the amended claims (attached) including independent claim 26 to more fully explain how they differentiate from the cited references to expedite prosecution.

For example, claim 26 recites, *inter alia*, that,

> "the decoded picture having film grains...the filtered picture removing film grains of the decoded picture...wherein the filtering application information indicates outputting the decoded picture with the film grains when film grain quality is not to be degraded...storing the filtered picture as a reference picture in a memory by using a storing unit, the filtered picture for decoding another picture outputting the decoded picture, using an outputting unit, in the case where the filtered picture is the reference picture and the filtering application information indicates the decoded picture is outputted for the display process outputting the decoded picture, using an outputting unit, in the case where the filtered

picture is the reference picture and the filtering application information indicates the decoded picture is outputted for the display process"

Such features are not taught or suggested in the AAPA. For example, as discussed in paragraphs [0023-0024] of U.S. Pub. No. 2007/0002947, the prior art apparatuses filter the decoded signal without preserving film grains, thus degrading the quality unique to films. Moreover, Kiyoshi further fails to remedy the deficiencies of the AAPA. More particularly, Kiyoshi fails to teach or suggest the feature of wherein the filtering application information indicates outputting the decoded picture with the film grains when quality is not to be degraded as recited in amended claim 26. Indeed, Kiyoshi is only concerned with high movement or low movement when determining whether to output a decoded signal or a filtered signal.

2. Applicant would also like to discuss new claim 35 and explain how the claim overcomes the cited references to expedite prosecution.

CLAIMS

1.-25. (Cancelled)

26. (Currently Amended) A picture decoding method for decoding a bitstream, said method comprising:

decoding a coded picture included in the bitstream to obtain a decoded picture, using a decoding unit, the decoded picture having film grains;

5   filtering the decoded picture to obtain a filtered picture, using a filter, the filtered picture removing the film grains of the decoded picture;

extracting, using a demultiplexing unit, filtering application information from the bitstream, the filtering application information specifying a picture and indicating which one of: the decoded picture before the filtering and the filtered picture after the filtering, is outputted for

10   a display process as for the specified picture and pictures following the specified picture wherein the filtering application information indicates outputting the decoded picture with the film grains when film grain quality is not to be degraded; and

storing, in a memory, the filtered picture after the filtering as a reference picture in a memory by using a storing unit, the filtered picture for decoding another picture, using a

15   storing unit,; and

outputting the decoded picture before the filtering, using an outputting unit, in the case where the filtered picture after the filtering is the reference picture and the filtering application information indicates the decoded picture before the filtering is outputted for the display process for the specified picture and the pictures following the specified picture.

27.   (Currently Amended) The picture decoding method according to Claim 26, further comprising:

storing, in the memory, the filtered picture as a reference picture for decoding another picture; and

5   outputting the filtered picture, in the case where the filtered picture is the reference picture and the filtering application information indicates the filtered picture is outputted for the display process.

28.   (Previously Presented) The picture decoding method according to Claim 26,

wherein the filtering application information is applied for the specified picture and each picture following the specified picture.

29.-31. (Cancelled)

32.   (Currently Amended) A picture decoding apparatus for decoding a bitstream, said apparatus comprising:

a decoding unit operable to decode a coded picture included in the bitstream to obtain a decoded picture;

5   a filter operable to filter the decoded picture to obtain a filtered picture;

a demultiplexing unit operable to extract filtering application information from the bitstream, the filtering application information specifying a picture and indicating which one of: the decoded picture before filtering having film grains and the filtered picture after filtering without film grains, is outputted for a display process as the specified picture;

10   a storing unit operable to store, in a memory, the filtered picture without film grains as a reference picture for decoding another picture; and

an outputting unit operable to output the decoded picture <u>having film grains,</u> in the case where the filtered picture <u>without film grains</u> is the reference picture and the filtering application information indicates the decoded picture <u>having film grains</u> is outputted for the

15   display process <u>when film grain quality is not to be degraded,</u>

wherein the filtering application information ~~is applied for~~ <u>determines</u> the specified picture and each picture following the specified picture.

33.   (Currently Amended) The picture decoding apparatus according to claim 32,

wherein said outputting unit is further operable to output the filtered picture <u>without film grains,</u> in the case where the filtered picture <u>without film grains</u> is the reference picture and the filtering application information indicates the filtered picture <u>without film grains</u>

5   is outputted for the display process.

34.   (Cancelled)

35.   (New) A picture decoding apparatus comprising:

a decoding unit for decoding an unfiltered picture to create a first version of the picture;

a filtering unit for filtering the decoded, unfiltered picture to create a second version of the picture;

5   a memory for storing the first version of the picture and the second version of the picture as a reference picture; and

an output unit configured to selectively output pictures based upon a filter application designation, the filter application designation including an option, the option being selected from a list of options, comprising:

10   a first option corresponding to outputting the first version of the picture and all other unfiltered pictures in a stream,

a second option corresponding to outputting the second version of the picture and all other filtered pictures in a stream,

a third option corresponding to outputting only the first version of the picture, and

15   a fourth option corresponding to outputting only the second version of the picture.

36.   (New) The apparatus of claim 35, the filter application designation further includes a specified picture, and wherein the list of options further comprises:

a fifth option corresponding to outputting an unfiltered version of each picture following the specified picture; and

a sixth option corresponding to outputting a filtered version of each picture following the specified picture.